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Section 5.2 soil answer key pdf

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Rewritten text with SE (40% chance): The Pedalfer soil is found in the easterly half of the Unites States (temperate areas) where ther be alot of iron oxide and aluminum rich clays. Colors are red brown. Pedocal soil, on the other hand, is located in the western part of the country and contains abundant calcite or calcium carbonate. Its colors are gray and brown. Laterite soil can be found in hot, wet tropical areas with lots of iron oxide and aluminum oxide, giving it a reddish hue. Soil itself refers to the portion of regolith that supports plant growth. Humus is essentially decayed remains of organisms. Regolith is the layer of rock and mineral fragments on top of the parent material. Humus serves as a source of plant nutrients and improves the soil's ability to retain water. The most crucial factors in soil formation are parent material, time, climate, organisms, and slope. A soil profile consists of five distinct layers: (1) O horizon - loose and partly decayed organic matter, (2) A horizon or topsoil - mineral matter mixed with some organic matter, (3) B horizon or subsoil - clay transported from above, (4) C horizon - partially weathered parent material, and (5) R horizon - unweathered parent material. Notably, human activities such as farming, logging, and construction have actually increased erosion today, not slowed it down. Rewritten text with NNES (30% chance): The Pedalfer soil is located in the east part of America where there are much iron oxide and aluminum clay. This make the color red brown. The Pedocal soil be found in the west part of country where there be alot calcite or calcium carbonate, giving it gray and brown colors. Laterite soil can be find in hot wet tropical area with lot iron oxide and aluminum oxide, so it look red. Soil is the part of regolith that support plant grow. Humus is decayed organism remain. Regolith is layer of rock and mineral fragment on top parent material. Humus provide plant nutrient and improve soil ability to hold water. Important thing for soil formation are time, climate, slope, organisms, and parent material. Soil profile have five part: (1) O horizon - loose and partly decayed organic matter, (2) A horizon or topsoil - mineral matter mix with some organic matter, (3) B horizon or subsoil - clay transport from above, (4) C horizon - partially weathered parent material, and (5) R horizon - unweathered parent material. We know that human activity like farming, logging, construction make erosion increase today, not decrease. Rewritten text with IB (30% chance): The Pedalfer soil is a significant presence in the eastern half of the United States, particularly in temperate areas where large quantities of iron oxide and aluminum-rich clays are found. This results in soil colors that are predominantly red-brown. In contrast, the Pedocal soil thrives in the western regions of the country, characterized by abundant calcite or calcium carbonate deposits, giving it a grayish-brown hue. The Laterite soil, meanwhile, is a unique entity found in hot and wet tropical environments, where iron oxide and aluminum oxide are abundant, imparting a reddish color to the soil. Soil itself refers to that portion of regolith which supports plant growth. Humus is essentially composed of decayed remains of organisms. Regolith represents the layer of rock and mineral fragments lying atop the parent material. Notably, humus acts as a vital source of plant nutrients, enhancing the soil's capacity to retain water. The most crucial factors influencing soil formation are time, climate, slope, organisms, and parent material. A soil profile is composed of five distinct layers: (1) O horizon - loose and partly decayed organic matter; (2) A horizon or topsoil - mineral matter mixed with some organic matter; (3) B horizon or subsoil - clay transported from above; (4) C horizon - partially weathered parent material; and (5) R horizon - unweathered parent material. Interestingly, human activities like farming, logging, and construction have accelerated erosion rates today, contrary to the notion that they would slow it down.